Title IID Grantee Web Information

Project Name: Techno-Math Magic: Using Technology to Teach Kids Math	District: Phoenix Elementary School District

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**Project URL: www.phxelem.k12.az.us

Brief Description of the grant: (No more than 2 – 3 paragraphs)   The purpose of the Techno-Math magic project provides teachers with resources and professional development to implement enrichment and intervention activities in Mathematics instruction. This project is designed to complement the district's new Mathematics textbook implementation.

The expectations of this project include:
a) Providing instructional support to all schools, with targeted assistance to under-performing schools;
b) Using student achievement data to focus projects in schools and classrooms with the greatest need;
c) Providing a one-year teacher-on-assignment to assist district Math Coaches with support to develop technology curriculum initiatives;
d) Implementing meaningful professional development to integrate technology resoruces into curricular goals;
e) Obtaining technology resources for classrooms, including instructional software and interactive white boards.

Description of Professional Development Activities (25% of grant is for Professional Development):
On-going, sustained professional developoment is an integral component to the District Technology Plan and the Ed Tech Grant application. The overall goal of the technology professional development program is to improve student achievement through the development of a highly-qualified, knowledgeable teaching staff that is highly trained to use technology resources as an instructional tool.

Goal 1: 80% of teachers in grades 5 - 8 who teach mathematics will participate in at least two technology curriculum professional development activities during the term of the Techno-Math Magic project.
Goal 2: 80% of teachers in grades 5 - 8 who teach mathematics will participate in content software training sessions during the term of the Techno-Math Magic proejct.
Goal 3: 80% of teachers in grades 5 - 8 who teach mathematics will participate in productivity software training sessions, i.e., MS Excel, during the term of the Techno-Math Magic project.
Goal 4: 80% of teachers in grades 5 - 8 who teach mathematics will participate in training to effectively use an interactive white board in their classroom.

# of Schools Impacted by Grant: 14

# of Teachers Impacted by Grant: 503

Math Initiative Focus: The Techno-Math Magic project is aligned to Arizona Academic Standards. Due to the "highly interconnected" nature of the mathematics standards, the project also support Language Arts, Technology and Science standards. The project supports the vision of providing "high-quality, engaging mathematics instruction" while providing students instruction in basic mathematical concepts using motivating resoruces. The Techno-Math project supports the ADE Mathematics Initiative in the following ways:

a) provide richer content knowledge for teachers
b) improve instructional strategies for the delivery of instruction in mathematics
c) use data from the school district to facilitate instruction
d) promote attendance at ADE's Math Academies
e) implement formataive assessments to monitor student mastery of performance objectives.